

ABSTRACT

The present invention describes a method of inhibiting the growth of an undesired plant by contacting the plant with a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a median diameter from about 3 micrometers to about 10 micrometers. The present invention further describes a composition for inhibiting the growth of an undesired plant containing a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a wall with a thickness from about 1 wt. % to about 10 wt. %.



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25/12, 25/28 67056 Ludwigshafen (DE).

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(71) Applicants (*for all designated States except US*): BASF CORPORATION [US/US]; 3000 Continental Drive North, Mount Olive, NJ 07828-1234 (US). BASF AKTIENGESELLSCHAFT [DE/DE]; .. 67056 Ludwigshafen (DE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): SWEAT, Jonathan [US/US]; 2443 Castelburg Drive, Apex, NC 27502 (US). DEXTER, Robin [US/US]; 541 Freedom Drive, Yardley, PA 19067 (US).

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(54) Title: METHODS OF USING DINITROANILINE COMPOUNDS AS MICROCAPSULE FORMULATIONS

(57) Abstract: The present invention describes a method of inhibiting the growth of an undesired plant by contacting the plant with a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a median diameter from about 3 micrometers to about 10 micrometers. The present invention further describes a composition for inhibiting the growth of an undesired plant containing a herbicidally effective amount of a microcapsule composition. The microcapsule composition includes a dinitroaniline compound and the microcapsule has a wall with a thickness from about 1 wt. % to about 10 wt. %.